SEQUENCE LISTING

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												tac Tyr					58	3
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												tgg Trp					72	7
And the first tent												gtt Val					77	5
hard wash man,												cat His					82	3
Hand Hand												cag Gln					87	1
The state of the s												tat Tyr 210					91	.9
												ttc Phe					96	7
												cag Gln					101	.5
												ttt Phe					106	3
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											cat His 625						2167
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		1		725		OT À	Top	110	730	Δ19	UDII	GTII	⊥eu	735	val
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Ile Phe Leu Val Asp Ile Val Leu Asn Phe His Thr Thr Phe Val Gly Pro Gly Gly Glu Val Ile Ser Asp Pro Lys Leu Ile Arg Met Asn Tyr Leu Lys Thr Trp Phe Val Ile Asp Leu Leu Ser Cys Leu Pro Tyr Asp Ile Ile Asn Ala Phe Glu Asn Val Asp Glu Gly Ile Ser Ser Leu Phe Ser Ser Leu Lys Val Val Arg Leu Leu Arg Leu Gly Arg Val Ala Arg Lys Leu Asp His Tyr Leu Glu Tyr Gly Ala Ala Val Leu Val Leu Leu Val Cys Val Phe Gly Leu Val Ala His Trp Leu Ala Cys Ile Trp Tyr Ser Ile Gly Asp Tyr Glu Val Ile Asp Glu Val Thr Asn Thr Ile Gln Ile Asp Ser Trp Leu Tyr Gln Leu Ala Leu Ser Ile Arg Thr Pro Tyr Arg Tyr Asn Thr Ser Ala Gly Ile Trp Glu Gly Gly Pro Ser Lys Asp Ser Leu Tyr Val Ser Ser Leu Tyr Phe Thr Met Thr Ser Leu Thr Thr Ile Gly Phe Gly Asn Ile Ala Pro Thr Thr Asp Val Glu Lys Met Phe Ser Val Ala Met Met Val Gly Ser Leu Leu Tyr Ala Thr Ile Phe Gly Asn Val Thr Thr Ile Phe Gln Gln Met Tyr Ala Asn Thr Asn Arg Tyr His Glu Met Leu Asn Asn Val Arg Asp Phe Leu Lys Leu Tyr Gln Val Pro Lys Gly Leu Ser Glu Arg Val Met Asp Tyr Ile Val Ser Thr Trp Ser Met Ser Lys Gly Ile Asp Thr Glu Lys Val Leu Ser Ile Cys Pro Lys Asp Met Arg Ala Asp Ile Cys Val His Leu Asn Arg Lys Val Phe Asn Glu His Pro Ala Phe Arg Leu Ala Ser Asp Gly Cys Leu Arg Ala Leu Ala Val Glu Phe Gln Thr Ile His Cys Ala Pro Gly Asp Leu Ile Tyr His Ala Gly Glu Ser Val Asp Ala Leu Cys Phe Val Val Ser Gly Ser Leu Glu Val Ile Gln Asp Glu Glu Val Val Ala Ile Leu Gly Lys Gly Asp Val Phe Gly Asp Ile Phe Trp Lys Glu Thr Thr Leu Ala His Ala Cys Ala Asn Val Arg Ala Leu Thr Tyr Cys Asp Leu His Ile Ile Lys Arg Glu Ala Leu Leu Lys Val Leu Asp Phe Tyr Thr Ala Phe Ala Asn Ser Phe Ser Arg Asn Leu Thr Leu Thr Cys Asn Leu Arg Lys Arg Ile Ile Phe Arg Lys Ile Ser Asp Val Lys Lys Glu Glu Glu Arg Leu Arg Gln Lys Asn Glu Val Thr Leu Ser Ile Pro Val Asp His Pro Val Arg Lys Leu Phe Gln Lys Phe Lys Gln Gln Lys Glu Leu Arg

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Asn Gln Gly Ser Ala Gln Ser Asp Pro Glu Arg Ser Gln Leu Gln Val
                725
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Glu Ser Arg Pro Leu Gln Asn Gly Ala Ser Ile Thr Gly Thr Ser Val
            740
                                745
Val Thr Val Ser Gln Ile Thr Pro Ile Gln Thr Ser Leu Ala Tyr Val
                            760
Lys Thr Ser Glu Thr Leu Lys Gln Asn Asn Arg Asp Ala Met Glu Leu
                        775
                                            780
Lys Pro Asn Gly Gly Ala Glu Pro Lys Cys Leu Lys Val Asn Ser Pro
                    790
                                        795
Ile Arg Met Lys Asn Gly Asn Gly Lys Gly Trp Leu Arg Leu Lys Asn
                                    810
Asn Met Gly Ala His Glu Glu Lys Lys Glu Glu Trp Asn Asn Val Thr
                                825
Lys Ala Glu Ser Met Gly Leu Leu Ser Glu Asp Pro Lys Gly Ser Asp
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Ser Glu Asn Ser Val Thr Lys Asn Pro Leu Arg Lys Thr Asp Ser Cys
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                                            860
Asp Ser Gly Ile Thr Lys Ser Asp Leu Arg Leu Asp Lys Ala Gly Glu
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                                        875
Ala Arg Ser Pro Leu Glu His Ser Pro Ser Gln Ala Asp Ala Lys His
                885
                                    890
Pro Phe Tyr Pro Ile Pro Glu Gln Ala Leu Gln Thr Thr Leu Gln Glu
            900
                                905
Val Lys His Glu Leu Lys Glu Asp Ile Gln Leu Leu Ser Cys Arg Met
                            920
Thr Ala Leu Glu Lys Gln Val Ala Glu Ile Leu Lys Leu Leu Ser Glu
                        935
Lys Ser Val Pro Gln Thr Ser Ser Pro Lys Pro Gln Ile Pro Leu Gln
                    950
                                        955
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                                985
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<211> 532

<212> PRT

<213> Mus musculus

## <400> 13

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		115					120					125			
Gly	Ala		Ala	Glu	Tyr	Phe		Asp	Arg	His	Arg		Ser	Phe	Asp
2	130	,			-	135		-	J		140				-
Ala	Val	Leu	Tyr	Tyr	Tyr	Gln	Ser	Gly	Gly	Arg	Leu	Arg	Arg	Pro	Ala
145			_		150					155					160
His	Val	Pro	Leu	Asp	Val	Phe	Leu	Glu	Glu	Val	Ser	Phe	Tyr	$\operatorname{Gly}$	Leu
				165					170					175	
Gly	Arg	Arg	Leu	Ala	Arg	Leu	Arg	Glu	Asp	Glu	Gly	Cys	Ala	Val	Ala
			180					185					190		
Glu	Arg		Leu	Pro	Pro	Pro		Ala	Arg	Gln	Leu		Leu	Leu	Phe
	_,	195	~7	_	_	~7	200	~ 7	_		-	205	** 7	77. 7	<b>a</b>
G1u		Pro	Glu	ser	ser		Ата	Ala	Arg	vai		Ата	vai	vaı	ser
7707	210	***~ ]	Ile	T 011	7707	215	тло	77-7	77-3	Dho	220	T 011	Glu.	Thr	Lou
225	теп	Val	TTE	ьеи	230	ser	TIE	val	val	235	Cys	пеп	GIU	7117	240
	Agn	Dhe	Arg	Δan		Δra	Agn	Asn	Pro		T.e11	Δla	Pro	Val	
FIO	ASP	FILC	TT 9	245	ADD	Arg	тър	тор	250	CLY	шец	712.0	110	255	mu
Ala	Ala	Thr	Gly		Phe	Leu	Ala	Ara		Asn	Glv	Ser	Ser		Met
			260					265			. 2		270		
Pro	Gly	Ala	Pro	Pro	Arg	Gln	Pro	Phe	Asn	Asp	Pro	Phe	Phe	Val	Val
		275					280					285			
Glu	Thr	Leu	Cys	Ile	Cys	Trp	Phe	Ser	Phe	Glu	Leu	Leu	Val	His	Leu
	290					295					300				
	Ala	Cys	Pro	Ser	_	Ala	Val	Phe	Phe	_	Asn	Val	Met	Asn	
305	_		7		310	_	_	_	<b>D</b> 1	315	- 7	_	~ 7	ml	320
IIe	Asp	Phe	Val		IIe	Leu	Pro	Tyr		Val	Ala	Leu	GLY		GIU
T 011	ת 7 ת	7	<u>ما</u> ۳	325	Ø1.,	37a ]	C1	Cln.	330	777-	Mot	602	T 011	335	T1.0
пеп	Ата	Arg	Gln 340	Arg	СТУ	vai	дту	345	FIU	нта	Mec	Ser	350	Ата	116
Ten	Ara	Val	Ile	Ara	Leu	Val	Ara		Phe	Ara	Ile	Phe		Leu	Ser
	3	355		5			360			5		365	-2		
Arg	His	Ser	Lys	Gly	Leu	Gln	Ile	Leu	Gly	Gln	Thr	Leu	Arg	Ala	Ser
_	370		_	_		375					380				
Met	Arg	Glu	Leu	Gly	Leu	Leu	Ile	Phe	Phe	Leu	Phe	Ile	Gly	Val	Val
385					390					395					400
Leu	Phe	Ser	Ser		Val	Tyr	Phe	Ala		Val	Asp	Arg	Val	_	Thr
			_	405	_		_	_,	410	_				415	
His	Phe	Thr	Ser	He	Pro	Glu	Ser		Trp	Trp	Ala	Val		Thr	Met
m1	m1	77-7	420 Gly		<b>a</b> 3	7	36-4	425	D	T7~ 7	III la na	77-7	430	a1	T
Thr	Thr	435	GIY	Tyr	GIY	Asp	мес 440	Ala	Pro	val	THE	445	GTÄ	GIĀ	ьуѕ
Tle	Val		Ser	T. <del>211</del>	Cvc	Δla		Δla	Glv	Val	T.e.11		Tle	Ser	T.e.11
110	450	Cry	DCI	Dea	Cyb	455		mu	O±y	Val	460	1111	110	DCI	шец
Pro		Pro	Val	Ile	Val		Asn	Phe	Ser	Tvr		Tvr	His	Ara	Glu
465					470					475		- 4		3	480
Thr	Glu	Gly	Glu	Glu	Ala	Gly	Met	Tyr	Ser	His	Val	Asp	Thr	Gln	Pro
				485					490					495	
Cys	Gly	Thr	Leu	Glu	Gly	Lys	Ala	Asn	Gly	Gly	Leu	Val	Asp	Ser	Glu
			500					505					510	-	
Val	Pro		Leu	Leu	Pro	Pro		Trp	Pro	Pro	Ala	_	Lys	His	Met
47 - 7	m?	515	77 7				520					525			
val	Thr	GIU	vaı												
	530														